COMBINED DECLARATION AND POWER OF ATTORNEY FOR UTILITY PATENT APPLICATION

Attorney's Docket No.

	030681-352
ORIGINAL, FIRST AND JOINT INVENTOR (if more the WHICH IS CLAIMED AND FOR WHICH A PATENT	E INVENTOR (if only one name is listed below) OR AN nam one name is listed below) OF THE SUBJECT MATTER IS SOUGHT ON THE INVENTION ENTITLED:
PERPENDICULAR MAGNETIC RECORDING MEDIUM	
the specification of which	
(check one)	is attached hereto;
	was filed onas
	Application No.
	and was amended on;
	(if applicable)
I HAVE REVIEWED AND UNDERSTAND THE CON	TENTS OF THE ABOVE-IDENTIFIED SPECIFICATION,

INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE;

I ACKNOWLEDGE THE DUTY TO DISCLOSE TO THE OFFICE ALL INFORMATION KNOWN TO ME TO BE MATERIAL TO PATENTABILITY AS DEFINED IN TITLE 37, CODE OF FEDERAL REGULATIONS, Sec. 1.56 (as amended effective March 16, 1992);

I do not know and do not believe the said invention was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to said application; that said invention was not in public use or on sale in the United States of America more than one year prior to said application; that said invention has not been patented or made the subject of an inventor's certificate issued before the date of said application in any country foreign to the United States of America on any application filed by me or my legal representatives or assigns more than twelve months prior to said application:

I hereby claim foreign priority benefits under Title 35, United States Code Sec. 119 and/or Sec. 365 of any foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application(s) on which priority is claimed:

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COMBINED	DECLARATION AND P	OWER OF	ATTORNEY	

Attorney's Docket No.

030681-352

COUNTRY/INTERNATIONAL	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	
Rep. of Korea	2001-370	4 January 2001	YES_X NO_	
			YES NO	

I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:

William L. Mathis Peter H. Smolka Robert S. Swecker Platon N. Mandros Benton S. Duffest, Jr. Joseph R. Maguone Norman H. Stepno Ronald L. Grudziecki Frederick G. Michaud, Jr. Alan B. Kopecki Regis E. Stutter	17,337 15,913 19,885 22,124 22,030 24,239 22,716 24,970 26,003 25,813 26,999	Samuel C. Mitter, III Ralph L. Freeland, Jr. Robert G. Mukai George A. Hovanee, Jr. James A. LaBarre E. Joseph Gess R. Danny Hunnington Eric H. Weisblan James W. Peterson Teresa Stanck Rea Robert E. Krebs	27,360 16,110 28,531 28,223 28,632 28,510 27,903 30,505 26,057 30,427 25,885	Robert M. Schulanan William C. Rowland T. Gene Dilabumy Parick C. Keane Bruce J. Boggs, Jr William H. Benz Peter K. Skiff Kichard J. McGrath Michael J. McGrath Michael C. Savage Gerald F. Swits Charles F. Wieland III	31,196 30,888 25,423 32,858 32,344 25,952 31,917 29,195 32,814 32,596 30,113 33,096

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I bereby declare that all statements made herein of my own knowledge are true and that all statements made information and belief are believed to be true; and further that these statements were made with the knowledge that information statements and the like so made are punishable by fine or implisionment, or both, under Section 1001 of the lill 80 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR	SIGNATURE //		DATE
Byung-kyu Lee	W/B		28 December 2001
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FULL NAME OF SECOND JOINT INVENTOR, IF ANY	SIGNATURE		DATE
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FULL NAME OF THIRD JOINT INVENTOR, IF ANY	SIGNATURE		DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS		1	